In Car Entertainment

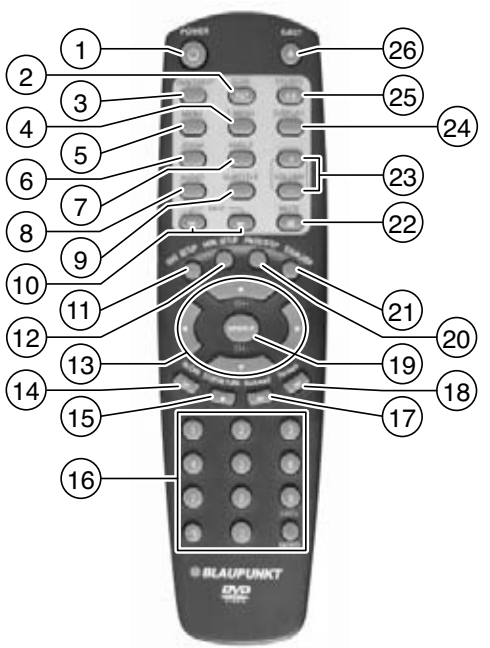
DVD-Player ME4

7 607 004 523

Operating and installation instructions

http://www.blaupunkt.com

BLAUPUNKT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DVD MP4
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DVD CD MP3 PLAYER
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(1) Button to switch the device on/off.

(2) **REP** for activating/deactivating the REPEAT function.

SCAN mode is only available in TV mode.

(3) **DVD/TV/EXT** for switching between DVD/CD/MP3 mode and the external sources AUX1 and AUX2.

(4) **T.MENU** for accessing the DVD's title menu.

(5) **MENU** for accessing the DVD's main menu (root menu).

(6) **ANGLE** for adjusting the viewing angle.

(7) **ZOOM** for zooming into a section of the picture during playback.

(8) **SUBTITLE** for switching between the subtitles that are available on the DVD.

(9) **AUDIO** for switching between the audio tracks that are available on the DVD.

(10) **SKIP** buttons for accessing the previous or next chapter (DVD) or track (CD/MP3).

(11) **MON.SETUP** has no function.

(12) **DVD SETUP** for opening the set-up menu to access the basic settings.

(13) Arrow buttons for navigating in the menus.

The **CH+** and **CH-** buttons are only available in TV mode.

(14) **SLOW** for starting/stopping the slow motion function.

(15) **STOP/RETURN** for stopping/interrupting playback.

(16) Numerical keys and **PREV./GOTO** button for directly selecting a chapter or a particular point in time within the chapter.

(17) **BACKWARD** for activating the fast reverse function.

(18) **FORWARD** for activating the fast forward function.

(19) **ENTER/PLAY** for selecting and confirming menu entries and for starting playback.

(20) **EQUALIZER** for selecting an EQ preset, defining your own EQs and deactivating the EQs.

(21) **PAUSE/STEP** button for pausing playback (freeze frame).

(22) **MUTE** for muting audio playback.

(23) **Volume + -** for adjusting the volume.

(24) **DISPLAY** for switching between various display modes.

(25) **A-B** button to specify the starting and finishing point for the repeat function.

For activating/deactivating the repeat function. **SAV/ERS** is only available in TV mode.

(26) **EJECT** button for ejecting the CD/DVD.

(27) **PLAY** button on the device for starting playback.

(28) Infrared receiver for the remote control.

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Notes

Thank you for choosing a Blaupunkt product. We hope you enjoy using this new piece of equipment.

Please read these operating instructions before using the equipment for the first time.

The Blaupunkt editors are constantly working on making the operating instructions clearer and easier to understand. However, if you still have any questions on how to operate the device, please contact your dealer or the telephone hotline for your country. You will find the telephone number printed at the back of this booklet.

We provide a manufacturer guarantee for our products bought within the European Union. You can view the guarantee conditions at www.blaupunkt.de or ask for them directly at:

Blaupunkt GmbH
Hotline
Robert-Bosch-Str. 200
D-31139 Hildesheim

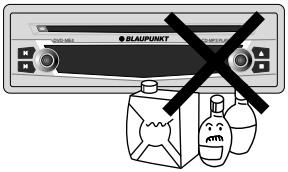
Road safety

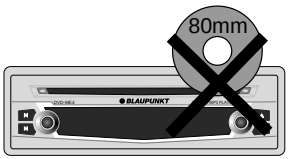
⚠ Road safety has absolute priority. Only operate this device if the road and traffic conditions allow you to do so. Familiarise yourself with the device before setting off on your journey.
You should always be able to hear police, fire and ambulance sirens in good time from inside your vehicle. For this reason, listen to your car sound system at a suitable volume level during your journey.

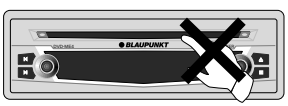
Safety notice

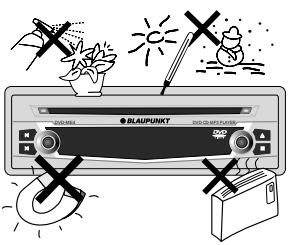
⚠ **CAUTION:**

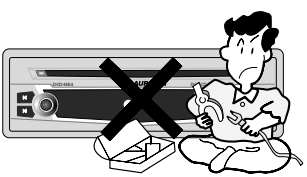
The DVD player is a class I laser product with an invisible laser beam whose laser radiation can be dangerous for humans. The DVD player must only be used in accordance with the specified instructions. Never open the housing and never try carrying out any repairs yourself. Only allow maintenance to be carried out by trained personnel.





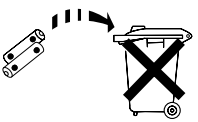






Recycling and disposal

Our products are made from materials that can be disposed of in an environmentally sensitive manner and are suitable for appropriate recycling. Products that are to be scrapped must be collected separately from household waste. To dispose of the product, please use the available waste return and collection systems.



Installation and connection

Installation kit

The supplied installation kit contains two brackets, screws, a power supply cable and an IR receiver with a 3.5 mm jack plug.

Installation and safety notices

Before connecting your DVD Player ME4, please read the following information carefully.

The battery's negative terminal must be disconnected for the entire time it takes to install and connect the device.

When doing so, you must observe the vehicle manufacturer's safety notices (airbags, alarm systems, trip computers, immobilizers).

When installing the ME4, select a location in the vehicle that allows you to attach it firmly into place using screws. The installation location should be such that the ME4 does not get in the way of the driver and cannot endanger the occupants in the event of the vehicle suddenly coming to a halt, for instance, during an emergency stop.

Never place the remote control within the inflation range of airbags and make sure that the remote control is stored securely so that it cannot injure the vehicle occupants in the event of an emergency stop.

You must take the following into account when selecting the installation location:

- The vehicle tank must not be damaged by screws.
- There must be no wires or pipes running beneath the surface on which you want to install the device.
- The spare wheel, tools, etc. must not be damaged by the screws. Please also make sure that the device does not restrict access to the spare wheel, tools, etc.

Do not install the device in any location that is:

- subjected to direct sunlight.
- near warm air outlets (heating, etc.).
- subjected to rain or moisture.
- subjected to dust or dirt.
- subjected to strong vibrations.

For installation in the dashboard (1 DIN compartment), please use the supplied mounting sleeve.

To ensure the device is installed securely, make sure you only use the supplied mounting components (brackets, screws).

Connections

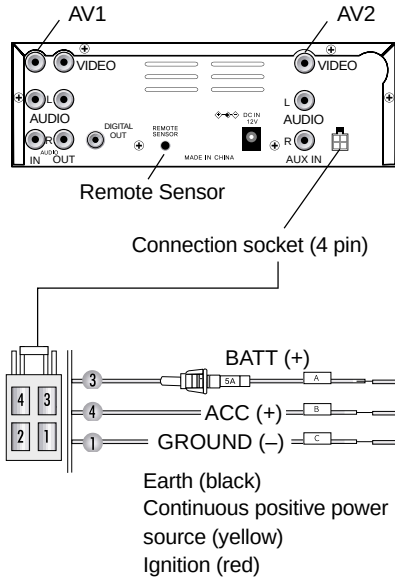
Connect the free ends of the supplied connection cable to your vehicle's power supply.

Yellow: Continuous positive power source 12V
Black: Earth
Red: Ignition

The continuous positive power cable between the battery and the ME4 must additionally be protected directly at the battery with a fuse holder (5 amperes).

Plug the connector plug into the 4-pin socket on the left-hand side of the device.

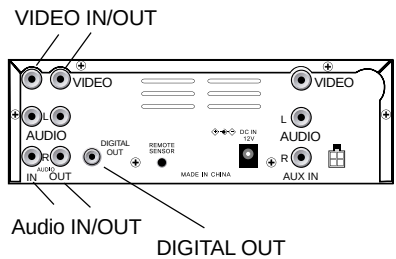
You can connect the infrared receiver for the remote control to the **REMOTE SENSOR** 3.5 mm jack plug. The infrared receiver can then be installed anywhere in the vehicle.



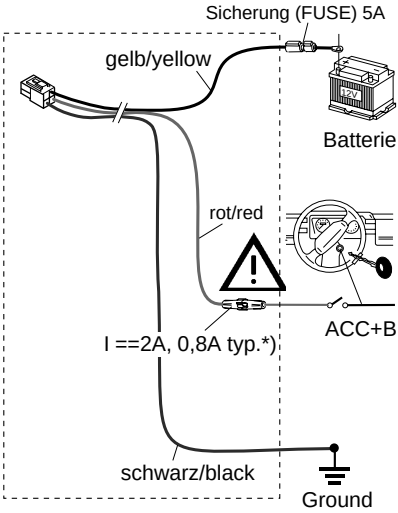
Note:
If you have **not** installed the ME4 in a concealed location in the vehicle, you can also point the remote control directly at the front of the device.

For audio/video playback, connect the **AUDIO/VIDEO OUT** and **DIGITAL OUT** cable connections to the appropriate inputs of your system.

Additionally, you can connect external audio/video sources to this set of cables (**AUDIO/VIDEO IN**). For further details, read the chapter entitled "External sources".

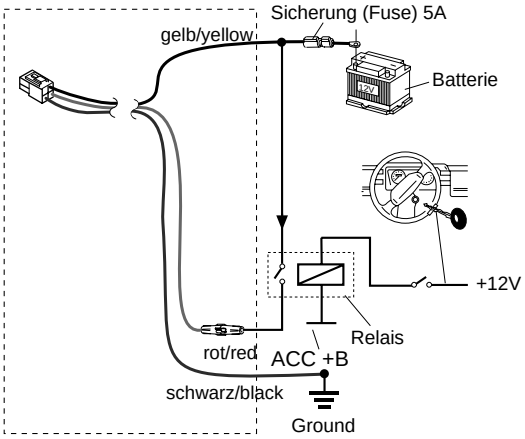


Supplied parts



*) If connecting to terminal 15 of the vehicle, you must protect the switched positive cable by installing a fuse holder (0.8 A fuse) at a distance of max. 30 cm from terminal 15.

Optional

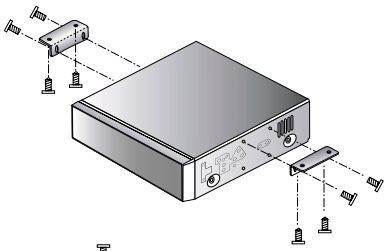


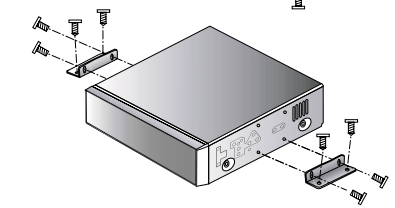
Important:

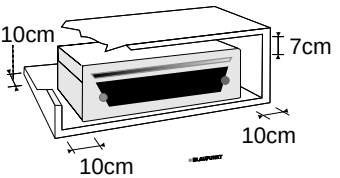
This connection should be made by an authorised customer service centre.

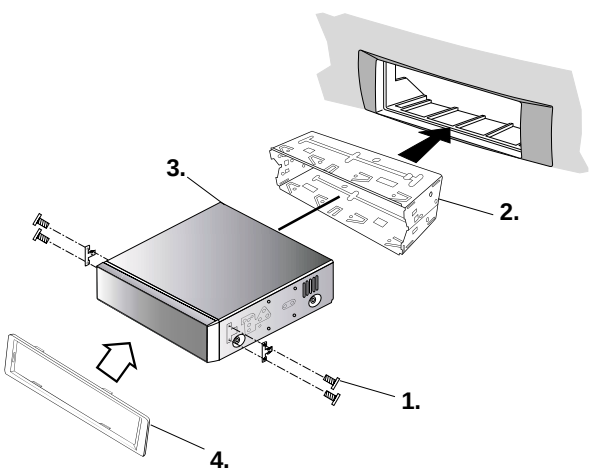
INSTALLATION AND CONNECTION

Installation positions and usage of the brackets









Using for the first time

If you are using the ME4 for the first time, you must insert the batteries into the remote control.

Using the remote control for the first time

Inserting the batteries

1. Open the battery compartment by detaching the lid.
2. Insert the new batteries. Battery type: two AAA-type batteries. Make sure the battery terminals are positioned as shown in the diagram in the battery compartment.
3. Close the battery compartment.

Using the remote control

Point the remote control at the separate infrared receiver or at the infrared receiver on the front of the device.

Angle of operation: approximately 30° in all directions from the front of the IR receiver.

Switching on/off

The device is ready for operation when the device's CD compartment lights up blue.

➪ To switch on the device, press the ⏻ **POWER** button (1) on the remote control or the button (1) on the device.

The device switches on.

➪ To switch off the device, press the ⏻ **POWER** button (1) on the remote control or the button (1) on the device.

The device switches off.

Adjusting the volume

You can adjust the volume in steps from 0 (off) to 16 (maximum).

- To increase the volume, press the **VOLUME +** button (23).
- To decrease the volume, press the **VOLUME -** button (23).

Volume mute

You can instantaneously reduce the volume (mute).

- Press the **MUTE** button (22).

"MUTE" appears on-screen.

Cancelling mute

- Press the **MUTE** button (22) again.

DVD mode

You can use the ME4 to play DVDs, video CDs (VCD), super video CDs (SVCD), standard audio CDs and photo CDs (VCD 2.0, see page 48) as well as MP3-CDs.

These operating instructions refer to usage with DVDs. The button functions for playing audio CDs are the same.

The ME4 is designed to play DVDs with **regional code 2**. If the device is designed for use with other regional codes, labels at the back of these instructions and on the device will inform you of this.

CD-Rs and CD-RWs (CDs that you have "burned" yourself) can generally also be played. Due to the varying quality of CDs, Blaupunkt cannot guarantee that they will work properly.

To ensure the system functions properly, only use CDs labelled with the compact disc logo. Problems might be experienced when trying to play copy-protected CDs. Blaupunkt cannot guarantee the proper functioning of copy-protected CDs!

Media that you have burned yourself (such as VCD/SVCD and DVD-R/RW, DVD+R/RW) can generally be played. Depending on the writable media being used and the software used to create and write data onto these media, Blaupunkt cannot provide any guarantee for complete compatibility or flawless playback.

⚠ Risk of severe damage to the DVD drive!
Contoured DVDs/CDs (shape CDs) and DVDs/CDs with a diameter of 8 cm must not be used.
We accept no liability for any damage to the DVD drive that may occur as a result of the use of unsuitable DVDs/CDs.

Disc formats supported by this player:

- **DVD** 12 cm
- **DVD-R / DVD-RW**
- **DVD+R / DVD+RW**
- **DVD DivX 3.11; 4.0; 5.0...x**
- **Video CD** (VCD), **Super Video CD** (SVCD) 12 cm
- **Photo CD (VCD 2.0, see page 48)**
- **Audio CD** (CDs containing CD text are not supported), **CD-R** and **CD-RW** 12 cm
- **MP3-CD** containing MP3 files for playing music. Only MP3-CDs formatted using the “Joliet” or “ISO 9660” formats are supported.

The player does not support the following discs:

- DVD-ROM
- CDV
- CD-G
- DVDs with a different regional code.

Inserting/removing a DVD/CD

The ME4 has a slot-in drive without a tray. It is only possible to achieve good damping of the vibrations of the drive in the device if slot-in drives are used.

Inserting a DVD/CD

➪ Insert the DVD/CD with the printed side uppermost into the DVD/CD compartment at the front of the device until you feel a slight resistance.

The drive then draws in the DVD/CD. You must not push or pull the DVD/CD whilst it is being drawn in.

The DVD/CD is loaded. Either the DVD menu appears or playback begins. This depends on the DVD that is inserted.

Removing a DVD/CD

➪ Press the **EJECT** button (26) on the remote control or the **EJECT** button (26) on the device ⏏ .

The DVD/CD is ejected.

➪ Carefully remove the DVD/CD.

Starting playback

Once you have loaded the DVD/CD that you want into the device, the DVD menu appears or playback begins. This depends on the DVD that is inserted.

➪ Press the **ENTER/PLAY** button (19) on the remote control or the **PLAY** button (27) on the device.

Playback begins.

On-screen display

You can display various details regarding the playing time on the screen that is connected to the device. You can hide the on-screen display.

The following on-screen displays are available:

- **TITLE 01/02 CHAPTER 33/45**
  01 : 26 : 14: The first of two titles (main film sections) and chapter 33 of 45 from that title is being played. Beneath it you will see the playing time that has already elapsed.
- **TITLE REMAIN**
  00 : 31 : 58: The remaining playing time of the current title is displayed.
- **CHAPTER ELAPSED**
  00 : 01 : 34: The elapsed playing time of the current chapter is displayed.
- **CHAPTER REMAIN**
  000 : 05 : 22: The remaining playing time of the current chapter is displayed.

Displaying/changing the on-screen display

➪ Press the **DISPLAY** button (24) on the remote control repeatedly until the required information appears.

The on-screen display is shown at the top edge of the screen.

Hiding the on-screen display

➪ Press the **DISPLAY** button (24) repeatedly until **OFF** appears briefly and the on-screen display disappears.

Fast-forwarding

You can fast forward DVDs at double speed, quadruple speed, 8-speed, 16-speed, 32-speed and 64-speed (depending on the DVD - some DVDs can only be played at up to 16 speed).

To fast forward or super-fast forward the DVD,

➪ press the **FORWARD** button (18) on the remote control repeatedly until the speed that you want is displayed.

Stopping fast forwarding

To stop fast forwarding,

➪ press the **ENTER/PLAY** button (19) on the remote control or the **PLAY** button (27) on the device.

The DVD will then be played at normal speed.

Slow motion

You can slow down playback of the DVD in a forwards or backwards direction.

➪ To decrease the playback speed, press the **SLOW** button (14) on the remote control once or several times.

If you press the **SLOW** button (14) once, playback is switched to forwards play at half-speed (SF 1/2x).

After every subsequent press, the speed is further decreased (to one quarter, one sixth, one eighth). The screen displays the speed and **SF** for “Slow Forward”.

Once the speed has reached the one eighth setting, any subsequent press of the button will cause the film to be played backwards in slow motion. The screen displays the speed and **SR** for "Slow Rewind".

To play the DVD at normal speed again,

- press the **ENTER/PLAY** button (19) on the remote control or the **PLAY** button (27) on the device.

Pausing and resuming playback

Pausing playback

- Press the ■ button (15) on the remote control or on the front of the device.

Playback is paused, and the device's starting screen and the text "PRESS PLAY TO CONTINUE" are displayed.

Resuming playback

- Press the **ENTER/PLAY** button (19) on the remote control or the **PLAY** button (27) on the device.

Playback is resumed.

Freeze frame

- During playback, press the **PAUSE/STEP** button (20) on the remote control or the **PLAY** button (27) on the device.

Playback is paused and is frozen as a still image.

Resuming playback

To resume playback,

- press the **ENTER/PLAY** button (19) on the remote control or the **PLAY** button (27) on the device.

Skipping chapters

A title on a DVD may be divided into several smaller chapters.

To skip to the next or any other subsequent chapter,

- press the **SKIP** ▶▶| button (10) once or several times on the remote control or on the front of the device.

Playback will skip to the beginning of the next or another subsequent chapter accordingly.

To skip to the beginning of the current or a previous chapter,

- press the **SKIP** |◀◀ button (10) once or several times on the remote control or on the front of the device.

Playback will skip to the beginning of the current or another previous chapter accordingly.

Note:
If you play a DVD containing DivX footage, you can use the Skip buttons |◀◀ (10) to skip forwards or backwards 3, 5 or 10 min. For settings, see page 52.

Repeating a title/chapter on a DVD

DVDs are divided into various chapters and titles, which can be selected individually.

Repeating chapters or titles

To repeat the current chapter,

- press the **REP** button (2) on the remote control.

"CHAPTER REPEAT ON" appears on the display.

To repeat the current title,

➪ press the **REP** button (2) on the remote control a second time.

“TITLE REPEAT ON” appears on the display.

Cancelling the repeat function

If you want to cancel the repeat function,

➪ press the **REP** button (2) on the remote control repeatedly until “REPEAT OFF” appears on the display.

Selecting chapters directly

You can use the remote control to select a chapter directly or a particular point in the playing time.

Selecting chapters

To select a chapter directly,

➪ press the **PREV./GOTO** button (16) on the remote control.

The number of the current title and the number of titles are displayed on-screen after “TITLE”. After that you will see the chapter number and the number of chapters present. The chapter number has a yellow background.

➪ Use the numerical keys (16) on the remote control to enter the number of the chapter that you want and press the **ENTER/PLAY** button (19).

Playback is resumed from the position you selected.

Selecting the playing time

You can directly select a particular position on the DVD by entering the playing time that corresponds with this position.

To skip to a particular position,

➪ press the **PREV./GOTO** button (16) **twice** on the remote control.

The number of the current title and the number of titles are displayed on-screen after “TITLE”.

After this, you will see “TIME” and the input field for the playing time. The input field has a yellow background.

➪ Use the numerical keys (16) on the remote control to enter the playing time of the position that you want in the format “hh.mm.ss” and press the **ENTER/PLAY** button (19).

Playback is resumed from the position you selected.

Resuming playback from the beginning of the first title on the DVD

➪ Press the ■ button (15) twice on the remote control or on the front of the device.

➪ Press the **PLAY** button (27) on the device or the **ENTER/PLAY** button (19) on the remote control.

Playback will resume from the beginning of the title.

Note:
In the case of most DVDs, this is the DVD’s root (main) menu.

Displaying subtitles

To display subtitles,

➪ press the **SUBTITLE** button (9) on the remote control.

Subtitles are displayed. The on-screen display appears. The current language and the number of available subtitle languages are displayed next to “SUBTITLE”.

To change the subtitle language,

➪ press the **SUBTITLE** button (9) once or several times until subtitles appear in the language that you want.

Note:
You can also use the DVD menu to switch subtitles on/off or to select the language in which they are displayed (see DVD menu). Additionally, you can set your preferred language for subtitles in the setup menu. For further information, read the section entitled “Presetting the language for subtitles” in the “Setup” chapter.

Selecting the playback language

To select the playback language,

➪ press the **AUDIO** button (8) on the remote control once or several times.

The playback language changes. The on-screen display appears. The current language, the language number and the number of available playback languages will be displayed.

Note:
You can also use the DVD menu to change the playback language (see DVD menu). Additionally, you can set your preferred playback language in the setup menu. For further information, read the section entitled “Presetting the playback language” in the “Setup” chapter.

Changing the camera angle

Some DVDs provide two or more different camera angles for the same scene.

The number of the current camera angle and the number of possible camera angles is displayed next to the camera symbol in the on-screen display.

To change the camera angle,

➪ press the **ANGLE** button (7) on the remote control.

The scene will be displayed from the next camera angle. The on-screen display appears.

Note:
In the setup menu you can configure the system to display a camera symbol if additional camera angles are available. For further information, read the section entitled “Displaying camera angles” in the “Setup” chapter.

Magnifying a screen section (zoom)

You can zoom into a freely selectable section of the film that is currently being played with up to 3 times the magnification.

To zoom into a screen section,

- ⇨ press the **ZOOM** button (6) on the remote control once or several times.

The centre section of the screen is magnified by one step every time you press the button. The zoom steps available are 1.5 times, two times and three times magnification.

Note:
Once you have set the magnification level that you want, you can freely move the magnified screen section using the arrow buttons (13) on the remote control.

Deactivating the zoom

To continue watching the film without any magnification,

- ⇨ press the **ZOOM** button (6) on the remote control repeatedly until "ZOOM OFF" appears in the display.

DVD menu

The DVD menu is provided by the DVD that you inserted in the player. After you insert a DVD and playback begins, the DVD menu appears on-screen automatically.

Note:
The type of options offered in the DVD menu depends on the particular DVD.

A DVD might, for instance, offer the following options in the DVD menu:

- You can choose between various languages for playback and subtitles.
- Besides the actual film, you can also watch the trailer that ran in cinemas or on the TV to promote the film, and you can watch the film's "making of".
- A film is divided into several consecutive chapters. You can select a chapter and start playback from that point without having to fast forward to that particular point in the film as you would have to do if you were watching a video cassette.

Displaying the DVD menu

You can stop playback and view the DVD menu at any time.

- ⇨ Press the **MENU** button (5) on the remote control.

Selecting menu entries

DVDs generally provide menus in which you can select various options such as “Start film”, “Select chapter”, etc.

To switch between the individual menu items,

- press one of the **arrow buttons** ▲ ▼ / ◀◀ ▶▶ (13) on the remote control.

To confirm a menu item,

- press the **ENTER/PLAY** button (19) on the remote control.

Closing the DVD menu

If you choose an appropriate menu item in the DVD menu (e.g. the option to play the film), the DVD menu will close automatically and playback will begin.

Displaying the title menu

You can also access the title menu directly thus allowing you to select individual titles/chapters conveniently:

- Press the **T.MENU** button (4) on the remote control.

The tile menu is displayed.

External sources

You can connect two external sources to this device.

You could, for instance, connect a television tuner to the **AUDIO/VIDEO IN** sockets and a games console to the **AUX IN** sockets.

Note:
To avoid damaging the devices, make sure when connecting external sources that the colours of the cables and of the jacks on the external source and on the ME4 match one another.

Sockets

VIDEO IN jack (yellow)

AUDIO IN jack (red/white)

To switch between playback from the internal DVD drive and playback from the external sources,

- press the **DVD/TV/EXT** button (3) repeatedly on the remote control until the source that you want is displayed.

CD and MP3 mode

In addition to DVDs and video CDs, you can also play audio CDs, photo CDs (VCD 2.0) and MP3-CDs.

If you insert and play an audio CD, you can use the play, search, pause and repeat functions as described for DVD mode.

If you insert a photo CD,

- ➪ after you see “Press play to continue” appear, press the **PLAY** button (27).
- ➪ Press the **T.MENU** button (4) > PBC on.
- ➪ Press the **PLAY** button (27) > the CD’s start page appears.
- ➪ Press the **PLAY** button (27) > the slideshow begins

If you want to play MP3-CDs, they must be formatted in the “Joliet” or “ISO 9660” format.

After you insert an MP3-CD, a menu (Smart Navi) appears on-screen to help you navigate through the CD’s contents.

You can use the Smart Navi menu to switch conveniently between tracks and directories using the ▲ ▼ / ◀◀ ▶▶ buttons (13) on the remote control.

- ➪ After you make your selection, press the **ENTER/PLAY** button (19) on the remote control or the **PLAY** button (27) on the device.

Note:
You cannot change directories during playback.

The other functions (play, search, pause and repeat) as described for DVD mode can also be used in MP3 mode.

Equalizer

The ME4 is equipped with a built-in 7-band equalizer that you can use to optimise the music reproduction to suit your vehicle or the style of music. You have five sound presets and a user-defined equalizer at your disposal.

Sound presets can be selected for the following music styles:

- Classic
- Jazz
- Pop
- Ballad
- Dance

The user-defined equalizer allows you to adjust the music reproduction to suit your personal tastes by letting you boost or reduce the output of the following frequencies: 60 Hz, 150 Hz, 400 Hz, 1 kHz, 2 kHz, 6 kHz and 15 kHz. The equalizer is displayed on-screen whilst you are making your adjustments.

Selecting sound presets

To select one of the five sound presets,

➪ press the **EQUALIZER** button (21) on the remote control.

The current setting or the setting that was used last is displayed.

➪ Press the **ENTER/PLAY** button (19) repeatedly on the remote control until the setting that you want appears.

After a few seconds, the equalizer display disappears from the screen but the equalizer remains activated until you deactivate it.

Adjusting the user-defined equalizer

You can adjust the equalizer to suit your requirements by boosting or reducing the output of the available frequencies.

Notes on adjusting the settings

To make changes to the settings, we recommend you use a CD that you are familiar with.

➪ Listen to the CD.

➪ What kind of impression does the sound make?

➪ Now refer to the “Sound impression” column in the table entitled “Help adjusting the equalizer” on the next page.

➪ Adjust the equalizer values as described in the “Measures” column.

To adjust the user-defined equalizer,

➪ press the **EQUALIZER** button (21) on the remote control.

The current setting or the setting that was used last is displayed.

➪ Press the **ENTER/PLAY** button (19) on the remote control repeatedly until “PERSONAL” is displayed.

➪ Use the arrow buttons (left/right) (13) on the remote control to move the selection marker (yellow) to the frequency that you want to adjust.

➪ Use the arrow buttons (up/down) (13) on the remote control to boost or reduce the output of the frequency to the value that you want.

Note:
When you make your adjustments to the settings, the sound reproduction changes to reflect these changes.

A few seconds after you adjust the final setting, the equalizer display disappears from the screen but the equalizer remains activated until you deactivate it.

Deactivating the equalizer

To deactivate the equalizer,

- ⇨ press the **EQUALIZER** button (21) on the remote control.

"EQUALIZER OFF" appears briefly on the display.

Help adjusting the equalizer

Start by adjusting the mid and treble levels and finish by setting the bass levels.

Sound Impression / problem	Measures
Bass sound is too weak	Boost the bass with Frequency: 60 to 150 Hz Gain: +4 to +6
Dirty bass Booming sound Unpleasant pressure	Reduce the lower mid level with Frequency: 150 to 400 Hz Gain: approx. -4
Sound very much in the foreground, aggressive, no stereo effect.	Reduce the mid level with Frequency: 1,000 to 2,000 Hz Gain: -4 to -6
Dull sound Little clarity No brilliance to the instruments	Boost the treble level with Frequency: 6,000 to 15,000 Hz Gain: +2 to +4

DVD Setup

The setup menu on the ME4 provides you with many options for customising the device to suit your needs.

Opening the setup menu

To open the setup menu,

- ⇨ press the **DVD SETUP** button (11) on the remote control.

Changing settings in the setup menu

The settings in the setup menu are adjusted in similar way to that described in the section entitled "Selecting the language for the on-screen display".

The "PREFERENCES" settings can only be changed whilst there is no DVD present in the drive.

Selecting the language for the on-screen display

- ⇨ Open the setup menu.
- ⇨ Use the ▲ ▼ (13) buttons to select the "GENERAL SETUP" menu item.
- ⇨ Confirm your choice by pressing the **ENTER/PLAY** button (19).
- ⇨ Use the ▲ ▼ (13) buttons to select the "OSD LANG" menu item.
- ⇨ Press the ▶ button (13).

The languages that are available for the on-screen display will appear.

- ⇨ Use the ▲ ▼ buttons (13) to select the menu item corresponding to the language that you want.
- ⇨ Confirm your choice by pressing the **ENTER/PLAY** button (19).
- ⇨ Close the setup menu by pressing the **DVD SETUP** button (11).

The settings are saved and the setup menu closes.

Selecting the playback language

You can set the playback language in the "AUDIO" menu item in the "PREFERENCES" menu.

Selecting the subtitle language

You can set the subtitles in the "SUBTITLE" menu item in the "PREFERENCES" menu.

Selecting the DVD menu language

You can set the language for the DVD menu in the "DISC MENU" menu item in the "PREFERENCES" menu.

Selecting the monitor settings

You can set the monitor settings in the "TV DISPLAY" menu item in the "PREFERENCES" menu.

The following monitor settings are available:

- Normal/LB: The DVD player is connected to a 4:3 monitor. The widescreen picture covers the entire width of the monitor and black bars appear at the top and bottom edges of the screen.

- Normal/PS: The DVD player is connected to a 4:3 monitor. The widescreen picture is displayed using the full height of the screen. The left and right edges of the widescreen picture are cut off automatically.
- WIDE: The DVD player is connected to a 16:9 monitor. The widescreen picture is displayed fully onscreen.

DivX

You can set the 3, 5 or 10 min. setting in the “SOFT CHAP. ON” menu item in the “PREFERENCES” menu.

Parental lock

You can password protect the device against unauthorised use. You can also specify a “rating level”. **“Rating level” means that certain DVDs are provided with a code that sets the minimum age limit for persons viewing that particular DVD.** If you set a rating level that lies below the rating level for the DVD that is inserted in the drive, you will only be able to play that DVD after you have entered the password.

Note:
Not all DVDs support the rating level function.

In the menu you can set which films are allowed to be played. The levels are based on the guidelines of the Moving Picture Association of America (MPAA).

The following can be selected:

1 G: Approved for children

2: Approved for children

3 PG: Accompaniment by an adult is recommended during playback.

4 PG 13: Accompaniment by an adult is recommended, not suitable for children under the age of 13.

5: No evaluation of the DVD content is available.

6 PG-R: Forbidden for children and youths, content includes depiction of violence, obscene language, etc.

7 NC 17: Content not suitable for young persons under the age of 17.

8 ADULT: Content only for adults: violence, sex, etc.

NO PARENTAL: The parental lock is disabled.

Note:

- You can unlock some locked DVDs directly at the start with YES (ENTER) and the password. Other DVDs first require you to change the rating level in the setup menu before playing the DVD. This depends on the DVD.

Setting the parental lock

To set the parental lock,

- ⇨ open the setup menu.
- ⇨ Use the ▲ ▼ buttons (13) to select the “PREFERENCES” menu item.
- ⇨ Confirm your choice by pressing the **ENTER/PLAY** button (19).

The preferences menu is displayed.

- ⇨ Use the ▲ ▼ buttons (13) to select the “PARENTAL” menu item.
- ⇨ Press the ▶ button (13).

The available age limits are displayed.

- ⇨ Use the ▲ ▼ buttons (13) to select the required age limit.
- ⇨ Confirm your choice by pressing the **ENTER/PLAY** button (18).
- ⇨ Use the **0-9** buttons (15) on the remote control to enter the password.

Note:

- If you have not set a password yet, the default password is: **0000**.

- ⇨ Confirm your choice by pressing the **ENTER/PLAY** button (18).
- ⇨ Close the setup menu by pressing the **DVD SETUP** button (11).

The settings are saved and the setup menu closes.

Changing the password

To change the password,

- ⇨ open the setup menu.
- ⇨ Use the ▲ ▼ buttons (13) to select the “PREFERENCES” menu item.
- ⇨ Confirm your choice by pressing the **ENTER/PLAY** button (18).

The preferences menu is displayed.

- ⇨ Use the ▲ ▼ buttons (13) to select the “PASSWORD” menu item.
- ⇨ Press the ▶ button (13).
- ⇨ Confirm “CHANGE” with the **ENTER/PLAY** button (18).
- ⇨ If you have not set a password yet, use the numerical keypad **0-9** (15) to enter the **new** password next to “NEW PASSWORD”.
- ⇨ If you have already set a password, first use the numerical keypad **0-9** (15) to enter the **old** password next to “OLD PASSWORD”.

Note:

- If you have not set a password yet, the default password is: **0000**.

- ⇨ Enter the new password twice using the numerical keypad **0-9** (15).
- ⇨ Confirm your choice by pressing the **ENTER/PLAY** button (18).
- ⇨ Close the setup menu by pressing the **DVD SETUP** button (11).

The settings are saved and the setup menu closes.

Setting the colour television standard of the TV set

To ensure an optimum picture quality, set the colour television standard in the DVD unit’s settings so that it matches the standard used by the connected monitor.

“PAL” is the colour television standard that is valid in Europe, and “NTSC” is the standard that is valid in America and Asia.

If you select the “Multi” setting, the DVD’s standard will be used for playback.

You can adjust the television standard setting in the “TV TYPE” menu item in the “PREFERENCES” menu.

Setting the picture mode

You can select the picture mode for optimum picture quality. Select the "AUTO" option.

You can adjust the picture mode setting in the "PIC MODE" menu item in the "GENERAL SETUP" menu.

Displaying the camera angle

You can set the system to display a "📷" camera symbol whenever there is more than one camera angle available on the DVD. To do so, select the "ON" setting.

You can adjust the camera angle setting in the "ANGLE MARK" menu item in the "GENERAL SETUP" menu.

Switching the coaxial digital output (SPDIF) on/off

If you connect the ME4 to an amplifier using the digital (SPDIF) input, you must activate the SPDIF output on the ME4. To do so, select the "ON" setting.

You can adjust the digital output setting in the "SPDIF OUTPUT" menu item in the "AUDIO SETUP" menu.

Configuring the audio output

If the device is installed in the vehicle, you should connect it to the vehicle's system (amplifier, monitor) via the line output. Alternatively, you can also connect headphones to the infrared receiver input (left-hand side of the device, REMOTE SENSOR).

If you want to use headphones, select the "RF REMOD" setting under "OP MODE" in "AUDIO SETUP".

Note:
Generally, the line output should be used ("LINE OUT").

"Dual mono" setting

For DVDs with 1+1 audio mode (two mono channels), you can set how you want the two channels to be outputted.

The following settings are available:

- Stereo:
  Stereo playback of a 1+1 programme. Channel 1 is sent to the left output and channel 2 to the right output.
- CH1-Mono:
  Channel 1 of the DVD is played on both outputs (left and right).
- CH2-Mono:
  Channel 2 of the DVD is played on both outputs (left and right).
- Mix Mono:
  Channel 1 and 2 of the DVD are played on both outputs (left and right).

➪ Open the setup menu.

➪ Use the ▲ ▼ (13) buttons to select the "AUDIO SETUP" menu item.

➪ Confirm your choice by pressing the **ENTER/PLAY** button (19).

➪ Use the ▲ ▼ (13) buttons to select the "DUAL MONO" menu item.

➪ Press the ▶ button (13).

➪ Use the ▲ ▼ buttons (13) to select the setting that you want.

➪ Confirm your choice by pressing the **ENTER/PLAY** button (19).

- Close the setup menu by pressing the **DVD SETUP** button (11).

The settings are saved and the setup menu closes.

Setting the dynamic range control (DRC)

You can use DRC to set the dynamics of a Dolby programme in steps from "OFF" to "Full". Select the "Full" setting for full dynamics.

- Open the setup menu.
- Use the ▲ ▼ (13) buttons to select the "AUDIO SETUP" menu item.
- Confirm your choice by pressing the **ENTER/PLAY** button (19).
- Use the ▲ ▼ buttons (13) to select the "COMPRESSION" menu item.
- Press the ▶ button (13).
- Use the ▲ ▼ buttons (13) to select the setting that you want.
- Confirm your choice by pressing the **ENTER/PLAY** button (19).
- Close the setup menu by pressing the **DVD SETUP** button (11).

The settings are saved and the setup menu closes.

Pro Logic setting

If you are watching/listening to a DVD containing an audio track in Dolby Surround Pro Logic, you can activate Pro Logic in order to obtain a surround-sound signal at the digital output. The Pro Logic decoder in the ME4 will then compute a surround-sound signal that comes close to the Dolby 5.1 listening experience.

You can choose between the settings: "ON", "OFF" and "AUTO". If the "AUTO" setting is selected and a Dolby Surround Pro Logic track is present on the disc, the device will always use the Pro Logic decoder to output a signal at the digital output.

You can find the Pro Logic settings in "AUDIO SETUP" under "PRO LOGIC".

Downmixing Dolby Digital DVDs

If your amplifier system does not have a digital input, you can simply connect the ME4 to two free inputs. The ME4's downmix function computes a compatible stereo signal from the Dolby Digital signal.

You can find the downmix settings under "SPEAKER SETUP" in the setup menu.

Configuring PCM

You can make the ME4 output a linear PCM signal (LPCM) with a sampling rate of 48k or 96k.

Only change this setting if the system in your vehicle only works with 48k PCM signals. You can find the PCM settings in "AUDIO SETUP" under "LPCM OUTPUT".

Activating the screensaver

The ME4 is equipped with a screensaver that prevents pictures (e.g. menus) from "burning into" liquid crystal displays.

If the screensaver is activated, a Blaupunkt logo is displayed approximately 60 seconds after the last action taken by the user in order to prevent individual pictures burning into the screen.

You can find the screensaver settings under “SCREEN SAVER” in the “GENERAL SETUP” menu.

Resetting the device

You can reset the device thus clearing all the settings you have changed.

Note:

- No DVD must be inserted.

➪ Open the setup menu.

➪ Use the ▲ ▼ buttons (13) to select the “PREFERENCES” menu item.

➪ Confirm your choice by pressing the **ENTER/PLAY** button (19).

The preferences menu is displayed.

➪ Use the ▲ ▼ buttons (13) to select the “DEFAULTS” menu item.

➪ Press the ▶ button (13).

The “RESET” menu item is highlighted. If you are sure you want to reset the device,

➪ press the **ENTER/PLAY** button (19).

The factory default settings are loaded.

Specifications

Operating voltage:	10.8 V to 23 V
Current consumption:	
In operation:	less than 2.0 A
During standby:	approx. 3 mA
Operating temperature:	0˚C to +50˚C
Storing temperature:	-20˚C to +70˚C
Air humidity:	10% to 75%
Laser:	650 nm
Colour standards:	PAL and NTSC
Frequency range	
Audio at 48 k:	4 Hz - 22 kHz
Audio at 96 k:	4 Hz - 44 kHz
Weight:	1.35 kg
Dimensions:	178 x 50 x 187 mm

Subject to changes.

Service-Nummern / Service numbers / Numéros du service après-vente / Numeri del servizio di assistenza / Servicenummers / Telefonnummer för service / Números de servicio / Número de serviço / Servicenumre

Country:		Phone:	Fax:
Germany	(D)	0180-5000225	05121-49 4002
Austria	(A)	01-610 39 0	01-610 393 91
Belgium	(B)	02-525 5444	02-525 5263
Denmark	(DK)	44 898 360	44-898 644
Finland	(FIN)	09-435 991	09-435 99236
France	(F)	01-4010 7007	01-4010 7320
Great Britain	(GB)	01-89583 8880	01-89583 8394
Greece	(GR)	210 94 27 337	210 94 12 711
Ireland	(IRL)	01-46 66 700	01-46 66 706
Italy	(I)	02-369 6331	02-369 62464
Luxembourg	(L)	40 4078	40 2085
Netherlands	(NL)	0800 400 1010	0800 400 1040
Norway	(N)	66-817 000	66-817 157
Portugal	(P)	2185 00144	2185 00165
Spain	(E)	902 52 77 70	91 410 4078
Sweden	(S)	08-7501850	08-7501810
Switzerland	(CH)	01-8471644	01-8471650
Czech. Rep.	(CZ)	02-6130 0446	02-6130 0514
Hungary	(H)	76 511 803	76 511 809
Poland	(PL)	0800-118922	022-8771260
Turkey	(TR)	0212-335 06 71	0212-3460040
USA	(USA)	800-2662528	708-6817188
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08.05 CM/ASA